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Between:
83.92
and
93.68

Between:
83.92
and
93.68

Between:
166.24
and
183.74

13 Structures

Evaluate
Subquery



c (angstroms)
and

Between:
90
and
90

alpha (degrees)
and

Between:
90
and
90

beta (degrees)
and

Between:
90
and
90

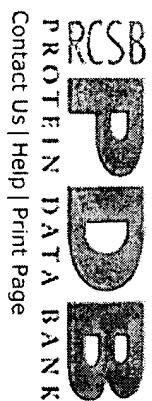
gamma (degrees)
and

90

Choose a Query Type:

Choose a Query
 Remove Similar Sequences at 90% Identity
 Evaluate Subquery
②

- +



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1 2 ▶

1AIV



APO OVOTRANSFERRIN

Characteristics Release Date: 29-Apr-1998 Exp. Method: X Ray Diffraction

Resolution: 3.00 Å

Iron Transport Protein

Mol. Id: 1 Molecule: Ovotransferrin

Kurokawa, H., Dewan, J.C., Mikami, B., Sacchettini, J.C., Hirose, M.

1J4N



Crystal Structure of the AQP1 water channel

Characteristics Release Date: 27-Mar-2002 Exp. Method: X Ray Diffraction

Resolution: 2.20 Å

Membrane Protein

Mol. Id: 1 Molecule: Aquaporin 1

Sui, H., Han, B.G., Lee, J.K., Walian, P., Jap, B.K.

1KYH



Structural Genomics, Hypothetical protein in SIGY-CYDD intergenic region

Characteristics Release Date: 14-Aug-2002 Exp. Method: X Ray Diffraction

Resolution: 1.60 Å

Structural Genomics Unknown Function

Mol. Id: 1 Molecule: Hypothetical 29.9 Kda Protein in Sigy Cydd Intergenic Region

Zhang, R.G., Grembecka, J., Vinokour, E., Collart, F., Dementieva,

I., Minor, W., Joachimiak, A.

1Q4L



GSK-3 Beta complexed with Inhibitor I-5

Characteristics Release Date: 14-Oct-2003 Exp. Method: X Ray Diffraction

Resolution: 2.77 Å

Transferase

Mol. Id: 1 Molecule: Glycogen Synthase Kinase 3 Beta

Bertrand, J.A., Thieffine, S., Vulpert, A., Cristiani, C., Valsasina,

P2, 2, 21

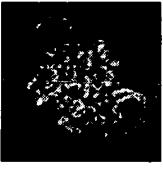
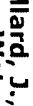
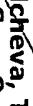
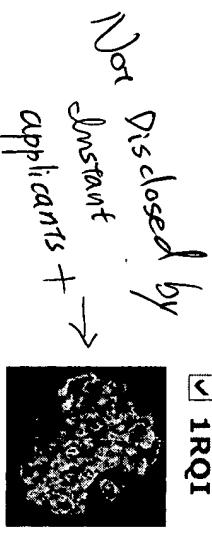
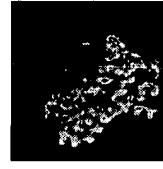
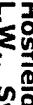
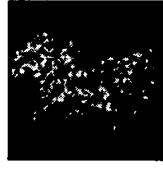
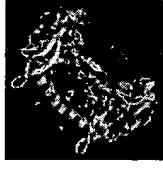
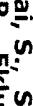
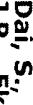
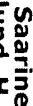
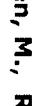
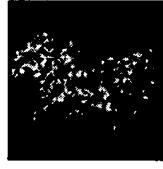
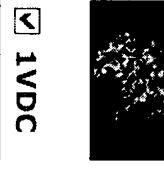
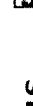
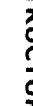


Classification

Compound

Authors

B., Knapp, S., Kalisz, H.M., Flocco, M.

<input checked="" type="checkbox"/> 1RQE		Glycogen synthase kinase-3 beta in complex with 3-indolyl-4-arylmaleimide inhibitor
Characteristics	  	Release Date: <u>12-Oct-2004</u> Exp. Method: X-Ray Diffraction
Classification		Resolution: 2.25 Å
Compound		Mol. Id: 1 Molecule: Glycogen Synthase Kinase 3 Beta
Authors		Allard, J., Nikolchcheva, T., Gong, L., Wang, J., Dunten, P., Avnur, Z., Waters, R., Sun, Q., Skinner, B.
P4121		Not disclosed by instant applicants + → 1RQE
<input checked="" type="checkbox"/> 1RQJ		Active Conformation of Farnesyl Pyrophosphate Bound to Isopentenyl Pyrophosphate and Risedronate
Characteristics	  	Release Date: <u>02-Mar-2004</u> Exp. Method: X-Ray Diffraction
Classification		Resolution: 2.42 Å
Compound		Mol. Id: 1 Molecule: Geranyltranstransferase
Authors		Hosfield, D.J., Zhang, Y., Dougan, D.R., Brooun, A., Tari, L.W., Swanson, R.V., Finn, J.
P4122		The instant application ⇒ 1RQJ
<input checked="" type="checkbox"/> 1RYX		Crystal structure of hen serum transferrin in apo-form
Characteristics	  	Release Date: <u>13-Jul-2004</u> Exp. Method: X-Ray Diffraction
Classification		Resolution: 3.50 Å
Compound		Mol. Id: 1 Molecule: Geranyltranstransferase
Authors		Hosfield, D.J., Zhang, Y., Dougan, D.R., Brooun, A., Tari, L.W., Swanson, R.V., Finn, J.
P4122		1RYX
<input checked="" type="checkbox"/> 1VDC		STRUCTURE OF NADPH DEPENDENT THIOREDOXIN REDUCTASE
Characteristics	  	Release Date: <u>12-Mar-1997</u> Exp. Method: X-Ray Diffraction
Classification		Resolution: 2.50 Å
Compound		Mol. Id: 1 Molecule: NADPH Dependent Thioredoxin Reductase
Authors		Dai, S., Saarinen, M., Ramaswamy, S., Meyer, Y., Jacquot, J.P., Eklund, H.

14322



1YKH



Structure of the mediator MED7/MED21 (Med7/Srb7) subcomplex

Characteristics	Release Date: <u>22-Feb-2005</u> Exp. Method: X Ray Diffraction
Classification	Resolution: 3.00 Å
Compound	Gene Regulation
Authors	Mol. Id: 1 Molecule: RNA Polymerase II Mediator Complex Protein Med7 Fragment: Residues 102-205 Mol. Id: 2 Molecule: RNA Polymerase II Holoenzyme Component Srb7 Mutation: L5M, L119M, L125M Baumli, S., Hoeppner, S., Cramer, P.

1 2



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1ZP6

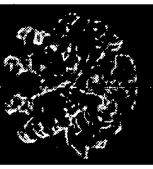


Crystal Structure of Atu3015, a Putative Cytidylate Kinase from Agrobacterium tumefaciens, Northeast Structural Genomics Target AtR62

Release Date: 24-May-2005 Exp. Method: X Ray Diffraction

Resolution: 3.20 Å

14,22



Structural Genomics Unknown Function
Mol. Id: 1 Molecule: Hypothetical Protein Atu3015

Forouhar, F., Abashidze, M., Vorobiev, S.M., Kuzin, A., Conover, K., Acton, T.B., Montelione, G.T., Hunt, J.F., Tong, L.

Authors

2AYU

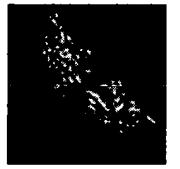


The structure of nucleosome assembly protein suggests a mechanism for histone binding and shuttling

Release Date: 07-Feb-2006 Exp. Method: X Ray Diffraction

Resolution: 3.00 Å

14,22



Chaperone
Mol. Id: 1 Molecule: Nucleosome Assembly Protein Park, Y.J., Luger, K.

Authors

2B4S

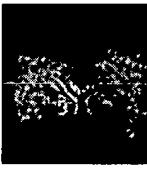


Crystal structure of a complex between PTP1B and the insulin receptor tyrosine kinase

Release Date: 15-Nov-2005 Exp. Method: X Ray Diffraction

Resolution: 2.30 Å

14,22



Hydrolase/transferase
Mol. Id: 1 Molecule: Tyrosine Protein Phosphatase Non Receptor Type 1 Mol. Id: 2
Molecule: Insulin Receptor Fragment: Protein Kinase

Authors

Li, S., Depetrис, R.S., Barford, D., Chernoff, J., Hubbard, S.R.

1 2

STN search
10/651668

(unit cell dimensions)

=> d his

(FILE 'HOME' ENTERED AT 16:25:07 ON 01 MAR 2006)

FILE 'CAPLUS' ENTERED AT 16:25:39 ON 01 MAR 2006

L1 1840516 S PROTEIN
L2 1805951 S ?CRYSTAL?
L3 52256 S L1 AND L2
L4 649 S L3 AND (UNIT CELL DIMENSION#)
L5 25 S L4 AND 88
L6 2 S L5 AND 174
L7 ~~26 S L3 AND 14122~~
L8 ~~665 S L3 AND TETRAGONAL~~
L9 ~~26 S L7 AND L3~~
L10 ~~0 S L6 AND L8~~

=> d L6 1-2

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1998:463974 CAPLUS

DN 129:199494

TI An internal affinity-tag for purification and crystallization of
the siderophore receptor FhuA, integral outer membrane protein
from Escherichia coli K-12

AU Ferguson, Andrew D.; Breed, Jason; Diederichs, Kay; Welte, Wolfram;
Coulton, James W.

CS Department of Microbiology and Immunology, McGill University, Montreal,
QC, H3A 2B4, Can.

SO Protein Science (1998), 7(7), 1636-1638
CODEN: PRCIEI; ISSN: 0961-8368

PB Cambridge University Press

DT Journal

LA English

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1998:224997 CAPLUS

DN 128:318765

TI Crystallization of NAD⁺-dependent phenylalanine dehydrogenase
from Nocardia sp239

AU Pasquo, A.; Britton, K. L.; Baker, P. J.; Brearley, G.; Hinton, R. J.;
Moir, A. J. G.; Stillman, T. J.; Rice, D. W.

CS Krebs Institute for Biomolecular Research, Department of Molecular Biology
and Biotechnology, University of Sheffield, Sheffield, S10 2TN, UK

SO Acta Crystallographica, Section D: Biological Crystallography (1998),

D54(2), 269-272

CODEN: ABCRE6; ISSN: 0907-4449

PB Munksgaard International Publishers Ltd.

DT Journal

LA English

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

Unit cell dimensions of
 $a = b = 174 \text{ \AA}^\circ$
 $c = 88 \text{ \AA}^\circ$
 $\alpha = \beta = 90^\circ, \gamma = 120^\circ$

$a = b = 111.0 \text{ \AA}$
 $c = 174.5 \text{ \AA}^\circ$

$\alpha = \beta = 90^\circ$
 $\gamma = 120^\circ$